

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

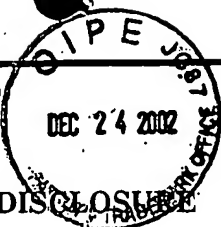
Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

FORM PTO/SB/08A/B (10-01)
Substitute for PTO-1449A/B



INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number 47489/JWP/C766

Application Number 10/052,302

Filing Date January 18, 2002

Applicant(s) Brian D. Hunt, et al.

Group Art Unit 2834

Examiner Name to be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - kind code ² . (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (✓)
Dr		WO 02/093738 A2	11-21-2002	California Institute of Technology	✓

OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER SIGNATURE	<i>Donald J. Fair</i>	DATE CONSIDERED	2-11-04
-----------------------	-----------------------	--------------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. ³Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English Language Translation is attached.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

JWP/daa

SYB PAS478402.1*-12/17/02 8:57 AM

BEST AVAILABLE COPY

FORM PTO/SB/08A/B (10-01)
Substitute for PTO-1449A/B

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number

47489/JWP/1700

Application Number

10/052,302

Filing Date

January 18, 2002

Applicant(s)

Brian D. Hunt et al.

Group Art Unit

2834

Examiner Name

to be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - kind code ² (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
Dr		5,110,339	05-05-1992	Ciriello et al.
Dr		5,837,115	11-17-1998	Austin et al.

CLASS / SUB

204 / 450

US / 238

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (✓)

OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
Dr		Avrutsky, Ivan A. et al.; <i>Multiwavelength Diffraction and Apodization Using Binary Superimposed Gratings</i> ; IEEE Photonics Technology Letters; Vol. 10, No. 6, June 1998; pp. 839-841
Dr		BAUGHMAN, Ray H. et al.; <i>Carbon Nanotube Actuators</i> ; Science; Vol. 284; May 21, 1999; pp. 1340-1344
Dr		BOUL, P.J. et al.; <i>Reversible sidewall functionalization of buckytubes</i> ; Chemical Physics Letters; Vol. 310; September 3, 1999; pp. 367-372
Dr		CHEN, Yan et al.; <i>Plasma-induced low-temperature growth of graphitic nanofibers on nickel substrates</i> ; Journal of Crystal Growth; Vol. 193; June 5, 1998; pp. 342-346
Dr		CHOI, Young Chul et al.; <i>Growth of carbon nanotubes by microwave plasma-enhanced chemical vapor deposition at low temperature</i> ; J. Vac. Sci. Technol., American Vacuum Society; Vol. 18, No. 4; July/August 2000; pp. 1864-1868

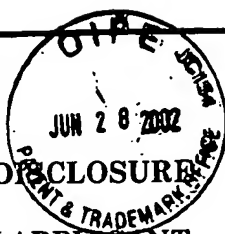
EXAMINER SIGNATURE	DATE CONSIDERED
Donald G. Fair	2-11-04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. ³Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English Language Translation is attached.

FORM PTO/SB/08A/B (10-01)
Substitute for PTO-1449A/B

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)



Attorney Docket Number	47489/JWP/C766
Application Number	10/052,302
Filing Date	January 18, 2002
Applicant(s)	Brian D. Hunt et al.
Group Art Unit	2834
Examiner Name	to be assigned

RECEIVED
SEP 09 2002
TC 1700

OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
Dr		CHOU, Hou-Pu et al.; <i>A microfabricated device for sizing and sorting DNA molecules</i> ; Proc. Natl. Acad. Sci. USA, Applied Physical Sciences, Biophysics; vol. 96; January 1999; pp. 11-13
Dr		DIAL, O. et al.; <i>Fabrication of high-density nanostructures by electron beam lithography</i> ; J. Vac. Sci. Technol.; Vol. 16, No. 6; November/December 1998; pp. 3887-3890
Dr		DRMANAC, R. et al.; <i>Sequencing by Hybridization</i> ; Adams M.D. et al. "Automated DNA sequencing and analysis" Academic Press; pp. 29-36 1994
Dr		DUKE, Thomas A. et al.; <i>Pulsed-field electrophoresis in microlithographic arrays</i> ; Electrophoresis; Vol. 17, 1996; pp. 1075-1079
Dr		DUKE, Thomas et al.; <i>Sequencing in nanofabricated arrays: A feasibility study</i> ; Electrophoresis; 1997; vol. 18, pp. 17-22
Dr		FAN, Shoushan et al.; <i>Self-Oriented Regular Arrays of Carbon Nanotubes and Their Field Emission Properties</i> ; Science; vol. 283; January 22, 1999; pp.512-514
Dr		HADD, Andrew G. et al.; <i>Sub-microliter DNA sequencing for capillary array electrophoresis</i> ; Journal of Chromatography A; Vol. 894; 2000; pp. 191-201
Dr		HAFNER, Jason H. et al.; <i>Direct Growth of Single-Walled Carbon Nanotube Scanning Probe Microscopy Tips</i> ; J. Am. Chem. Soc., The American Chemical Society; Vol. 121; 1999; pp. 9750-9751
Dr		HAN, J. et al.; <i>Entropic Trapping and Escape of Long DNA Molecules at Submicron Size Constriction</i> ; Physical Review Letters, The American Physical Society; Vol. 83, No. 8; August 23, 1999; pp. 1688-1691
Dr		HAN, Jie et al; <i>Observation and modeling of single-wall carbon nanotube bend junctions</i> ; Physical Review B, The American Physical Society; Vol. 57, No. 23; June 15, 1998; pp. 983-989

EXAMINER SIGNATURE	<i>Donald M. Fair</i>	DATE CONSIDERED	2-11-04
--------------------	-----------------------	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. ³Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English Language Translation is attached.

FORM PTO/SB/08A/B (10-01)
Substitute for PTO-1449A/B

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Attorney Docket Number

47489/JWP/C766

Application Number

10/052,302

Filing Date

January 18, 2002

Applicant(s)

Brian D. Hunter

Group Art Unit

2834

Examiner Name

to be assigned

OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
Dr		HAN, Young-Soo et al.; <i>Synthesis of carbon nanotube bridges on patterned silicon wafers by selective lateral growth</i> ; Journal of Applied Physics, American Institute of Physics; Vol. 90, No. 11; December 1, 2001; pp. 5731-5734
Dr		HUANG, Z.P. et al.; <i>Growth of highly oriented carbon nanotubes by plasma-enhanced hot filament chemical vapor deposition</i> ; Applied Physics Letters, American Institute of Physics; Vol. 73, No. 26; December 28, 1998; pp. 3845-3847
Dr		HUTT, Lester D. et al.; <i>Microfabricated Capillary Electrophoresis Amino Acid Chirality Analyzer for Extraterrestrial Exploration</i> ; Analytical Chemistry; Vol. 71, No. 18; September 15, 1999; pp. 4000-4006
Dr		ILIC, B. et al.; <i>Mechanical resonant immunospecific biological detector</i> ; Applied Physics Letters, American Institute of Physics; Vol. 77, No. 3; July 17, 2000; pp. 450-452
Dr		JU, Jingyue et al.; <i>Energy transfer primers: A new fluorescence labeling paradigm for DNA sequencing and analysis</i> ; Nature Medicine; Vol. 2, No. 2; February 1996; pp. 246-249
Dr		KELLY, Ross T.; <i>Unidirectional rotary motion in a molecular system</i> ; Nature; Vol. 401; September 9, 1999; pp. 150-152
Dr		KIM, Philip et al.; <i>Nanotube Nanotweezers</i> ; Science; Vol. 286; December 10, 1999; pp. 2148-2150
Dr		KORGEL, Brian A. et al.; <i>Self-Assembly of Silver Nanocrystals into Two-Dimensional Nanowire Arrays</i> ; Advanced Materials; Vol. 10, No. 9; 1998; pp. 661-665
Dr		Koumura, Nagatoshi et al.; <i>Light-driven monodirectional molecular rotor</i> ; Nature, Vol. 401; September 9, 1999; pp. 152-155
Dr		LEE, Cheol Lin et al.; <i>Low-temperature growth of carbon nanotubes by thermal chemical vapor deposition using Pd, Cr, and Pt as co-catalyst</i> ; Chemical Physics Letters; Vol. 327; September 15, 2000; pp. 277-283

EXAMINER
SIGNATURE

Donald H. Yain

DATE
CONSIDERED

2-11-04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. ³Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English Language Translation is attached.

FORM PTO/SB/08A/B (10-01)
Substitute for PTO-1449A/B

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number

47489/JWP/C766

Application Number

10/052,302

Filing Date

January 18, 2002

Applicant(s)

Brian D. Hunt et al.

Group Art Unit

2834

Examiner Name

to be assigned

OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
Dr		LI, Y.J. et al.; <i>Carbon nanotube films prepared by thermal chemical vapor deposition at low temperature for field emission applications</i> ; Applied Physics Letters, American Institute of Physics; Vol. 79, No. 11; September 10, 2001; pp. 1670-1672
Dr		LI, J. et al.; <i>Highly-ordered carbon nanotube arrays for electronics applications</i> ; Applied Physics Letters, American Institute of Physics; Vol. 75, No. 3; July 19, 1999; pp. 367-369
Dr		LIU, Q. et al.; <i>Detection of Virtually All Mutations-SSCP (DOVAM-S): A Rapid Method for Mutation Scanning with Virtually 100% Sensitivity</i> ; BioTechniques; Vol. 26, No. 5; May 1999; pp. 932-942
Dr		Masuda, Hideki et al.; <i>Highly ordered nanochannel-array architecture in anodic alumina</i> ; Appl. Phys. Lett., American Institute of Physics; Vol. 71, No. 19; November 10, 1997; pp. 2770-2772
Dr		MERKULOV, V.I. et al.; <i>Patterned growth of individual and multiple vertically aligned carbon nanofibers</i> ; Applied Physics Letters, American Institute of Physics; Vol. 76, No. 24; June 12, 2000; pp. 3555-3557
Dr		MURAKAMI, Hirohiko et al.; <i>Field emission from well-aligned, patterned, carbon nanotube emitters</i> ; Applied Physics Letters, American Institute of Physics; Vol. 76, No. 13; March 27, 2000; pp. 1776-1778
Dr		NAKAMURA, S.; <i>InGaN-based violet laser diodes</i> ; Semicond Sci. Technol.; Vol. 14; 1999; pp. R27-R40
Dr		ÖTTINGER, Hans Christian; <i>A thermodynamically admissible reptation model for fast flows of entangled polymers</i> ; The Society of Rheology, Inc.; J. Rheol; Vol. 43, No. 6; November/December 1999; pp. 1461-1493
Dr		PONCHARAL, Philippe et al.; <i>Electrostatic Deflections and Electromechanical Resonances of Carbon Nanotubes</i> ; Science; Vol. 283; March 5, 1999; pp. 1513-1516
Dr		REN, Z.F. et al.; <i>Growth of a single freestanding multiwall carbon nanotube on each nanonickel dot</i> ; Applied Physics Letters, American Institute of Physics; Vol. 75, No. 8; August 23, 1999; pp. 1086-1088

EXAMINER SIGNATURE

Donald M. Jain

DATE CONSIDERED

2-11-01

EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. ³Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English Language Translation is attached.

FORM PTO/SB/08A/B (10-01)
Substitute for PTO-1449A/B

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number

47489/JWP/C708

Application Number

10/052,302

Filing Date

January 18, 2002

Applicant(s)

Brian D. Hunt et al.

Group Art Unit

2834

Examiner Name

to be assigned

OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
Dr		REULET, B. et al.; <i>Acoustoelectric Effects in Carbon Nanotubes</i> ; Physical Review Letters, The American Physical Society; Vol. 58, No. 13, September 25, 2000; pp. 2829-2832
Dr		ROUKES, M.L.; <i>Nanoelectromechanical Systems</i> ; Technical Digest of the 2000 Solid-State Sensor and Actuator Workshop; pp. 1-10
Dr		ROUTKEVITCH, Dmitri et al.; <i>Nonlithographic Nano-Wire Arrays: Fabrication, Physics, and Device Applications</i> ; IEEE Transactions on Electron Devices; Vol. 43, No. 10; October 10, 1996; pp. 1646-1658
Dr		SCHMALZING, Dieter et al.; <i>Toward Real-World Sequencing by Microdevice Electrophoresis</i> ; Genome Research; Vol. 9; pp. 853-858 1999
Dr		SOPER, Steven A.; <i>Nanoliter-scale sample preparation methods directly coupled to polymethylmethacrylate-based microchips and gel-filled capillaries for the analysis of oligonucleotides</i> ; Journal of Chromatography A; Vol. 853; 1999; pp. 107-120
Dr		TURNER, S.W. et al.; <i>Monolithic nanofluid sieving structures for DNA manipulation</i> ; J. Vac. Sci. Technol., American Vacuum Society; Vol. 16, No. 6; November/December 1998; pp. 3835-3840
Dr		VAN DER GAAG, B.P. et al.; <i>Microfabrication below 10 nm</i> ; Appl. Phys. Lett, American Institute of Physics; Vol. 56, No. 5; January 29, 1990; pp. 481-483
Dr		VOLKMUTH, W.D. et al.; <i>DNA Electrodifussion in a 2D Array of Posts</i> ; Physical Review Letters, The American Physical Society; Vol. 72, No. 13; March 28, 1994; pp. 2117-2120
Dr		VOLKMUTH, W.D. et al.; <i>DNA electrophoresis in microlithographic arrays</i> ; Nature; Vol. 358; August 13, 1992; pp. 600-602
Dr		WESTERMEIER, Reiner; <i>Electrophoresis in Practice, A Guide to Method and Applications of DNA and Protein Separations, Chapter I - Electrophoresis</i> ; Second Edition; VCH, A Wiley company; 1997; pp. 6-39
Dr		WILDÖER, Jeroen W.G. et al.; <i>Electronic structure of atomically resolved carbon nanotubes</i> ; Nature; Vol. 391; January 1, 1998; pp. 59-62

EXAMINER SIGNATURE

Donald H. Jain

DATE CONSIDERED

2-11-04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. ³Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English Language Translation is attached.

FORM PTO/SB/08A/B (10-01)
Substitute for PTO-1449A/B

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number 41285/JWP/C766
Application Number 09/791,493
Filing Date February 22, 2001
Applicant(s) Flavio Noca et al.
Group Art Unit 1743
Examiner Name to be assigned

OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
Dr		SOPER, Steven A.; <i>Nanoliter-scale sample preparation methods directly coupled to polymethylmethacrylate-based microchips and gel-filled capillaries for the analysis of oligonucleotides</i> ; Journal of Chromatography A; Vol. 853; 1999; pp. 107-120
Dr		TURNER, S.W. et al.; <i>Monolithic nanofluid sieving structures for DNA manipulation</i> ; J. Vac. Sci. Technol., American Vacuum Society; Vol. 16, No. 6; November/December 1998; pp. 3835-3840
Dr		VAN DER GAAG, B.P. et al; <i>Microfabrication below 10 nm</i> ; Appl. Phys. Lett, American Institute of Physics; Vol. 56, No. 5; January 29, 1990; pp. 481-483
Dr		VOLKMUTH, W.D. et al.; <i>DNA Electrodifussion in a 2D Array of Posts</i> ; Physical Review Letters, The American Physical Society; Vol. 72, No. 13; March 28, 1994; pp. 2117-2120
Dr		VOLKMUTH, W.D. et al.; <i>DNA electrophoresis in microlithographic arrays</i> ; Nature; Vol. 358; August 13, 1992; pp. 600-602
Dr		WESTERMEIER, Reiner; <i>Electrophoresis in Practice, A Guide to Method and Applications of DNA and Protein Separations, Chapter I - Electrophoresis</i> ; Second Edition; VCH, A Wiley company; 1997; pp. 6-39
Dr		WILDÖER, Jeroen W.G. et al.; <i>Electronic structure of atomically resolved carbon nanotubes</i> ; Nature; Vol. 391; January 1, 1998; pp. 59-62
Dr		XU, Yan; <i>Capillary Electrophoresis</i> ; Analytical Chemistry, American Chemical Society; Vol. 71, No. 12; June 15, 1999; pp. 309R-313R
Dr		YOON, DY et al.; <i>Comparison of chain conformations for polystyrene and model molecules in the gas phase, solvents and melts from MD simulations</i> ; Abstracts of Papers, Part 2; 215 th ACS National Meeting; American Chemical Society; March, 29-April 2, 1998; 1 p.
Dr		YU, Min-Feng et al.; <i>Tensile Loading of Ropes of Single Wall Carbon Nanotubes and their Mechanical Properties</i> ; Physical Review Letters, The American Physical Society; Vol. 84, No. 24; June 12, 2000; pp. 5552-5555

EXAMINER SIGNATURE

Donald J. Fair

DATE CONSIDERED

2-11-04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. ³Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English Language Translation is attached.

FORM PTO/SB/08A/B (10-01)
Substitute for PTO-1449A/B

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Attorney Docket Number

47489/JWP/C766

Application Number

10/052,302

Filing Date

January 18, 2002

Applicant(s)

Brian D. Hunt et al.

Group Art Unit

2834

Examiner Name

to be assigned

OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
Dr		XU, Yan; Capillary Electrophoresis; Analytical Chemistry, American Chemical Society; Vol. 71, No. 12; June 15, 1999; pp. 309R-313R
Dr		YOON, DY et al.; <i>Comparison of chain conformations for polystyrene and model molecules in the gas phase, solvents and melts from MD simulations</i> ; Abstracts of Papers, Part 2; 215 th ACS National Meeting; American Chemical Society; March, 29-April 2, 1998; 1 p.
Dr		YU, Min-Feng et al.; <i>Tensile Loading of Ropes of Single Wall Carbon Nanotubes and their Mechanical Properties</i> ; Physical Review Letters, The American Physical Society; Vol. 84, No. 24; June 12, 2000; pp. 5552-5555
Dr		ZHANG, Y. et al.; <i>Elastic Response of Carbon Nanotube Bundles to Visible Light</i> ; Physical Review Letters, The American Physical Society; Vol. 82, No. 17; April 26, 1999; pp. 3472-3475
Dr		ZHANG, Yuegang et al.; <i>Electric-field-directed growth of aligned single-walled carbon nanotubes</i> ; Applied Physics Letters, American Institute of Physics; Vol. 79, No. 19; November 5, 2001; pp. 3155-3157
Dr		ZHANG, Y et al.; <i>Formation of single-wall carbon nanotubes by laser ablation of fullerenes at low temperature</i> ; Applied Physics Letters, American Institute of Physics; Vol. 75, No. 20; November 15, 1999; pp. 3087-3089

EXAMINER SIGNATURE	<i>Donell M. Jain</i>	DATE CONSIDERED	2-11-04
<small>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. ³Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English Language Translation is attached.</small>			

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

JWP/daa

DAA PAS444245.1.*-6/25/02 3:29 PM